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(NO). BRULAND, Øvvind [NO/NO]; Algeta AS, Kjelsåsveien 172A, N-0884 Oslo (NO).

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(74) Agent: FRANK B. DEHN & CO.; 179 Queen Victoria Street, London EC4V 4EL (GB).

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Filed on (71) Applicant (for all designated States except US): ALGETA

- AS [NO/NO]; Kjelsåsveien 172A, N-0884 Oslo (NO).
- (71) Applicant (for GB only): COCKBAIN, Julian [GB/GB]; 42 Southmoor Road, Oxford OX2 6RD (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): LARSEN, Roy [NO/NO]; Algeta AS, Kjelsåsveien 172A, N-0884 Oslo

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(54) Title: THORIUM-227 FOR USE IN RADIOTHERAPY OF SOFT TISSUE DISEASE

(57) Abstract: The invention provides a method for the treatment of soft tissue disease in a mammalian subject (preferably a human or canine subject), said method comprising administering to said subject a therapeutically effective quantity of a soft tissue targeting complex of thorium-227 and a complexing agent, wherein said quantity is such that an acceptably non-myelotoxic quantity of radium-223 is generated in vivo by nuclear decay of the administered thorium-227.



